

Notice of Allowability

Application No.

10/621,937

Examiner

Arnold Castro

Applicant(s)

DOW ET AL.

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3747

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ The drawings filed on 17 July 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date ____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other ____. |

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Claim 1 contains limitation to a latch carrying a cam end; the follower arm having a first indent and a second indent disposed radially inward from the first indent with respect to the throttle shaft; and wherein the cam end is located in the first indent when the choke valve is in the intermediate position and the throttle valve is in the fast idle state, and wherein the cam end is located in the second indent when the choke valve is in the closed position and the throttle valve is in the fast idle state which was not shown in the prior art. Claims 2-7 depend from claim 1 and for at least above reason are allowable.

Claim 8 contains limitation to a latch having a cam end; the follower arm having a first indent opening generally toward the cam end; and wherein the cam end is received in the first indent when the choke valve is not in the open position and the throttle valve is in the fast idle state and wherein rotation of the throttle shaft against the biasing force of the throttle spring and toward the full throttle state releases the latch from the follower arm and the biasing force of the choke spring returns the choke valve to the open position which was not shown in the prior art.

Claim 9 contains limitation to latch having a cam contact and a radial length measured between a rotational axis of the choke shaft and the cam contact; the follower arm having a plurality of contact faces spaced radially from one-another with respect to the throttle shaft; wherein each face of the plurality of contact faces is spaced generally at the radial length from the rotational axis of the choke shaft; when the throttle valve is

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in the fast idle state, and wherein the cam contact is biased against any one of the plurality of contact faces when the choke valve is not in the open position and the throttle valve is in the fast idle state which was not shown in the prior art.

Claim 11 contains limitation of automatically moving the throttle valve in an opening direction from a slow idle state against the biasing force of a throttle spring; engaging the latch with a second indent carried by the follower arm when the choke valve has manually moved to a closed position and the throttle valve has automatically moved to a fast idle position; failing to start the engine on a first attempt; manually moving the choke valve in an opening direction from the closed position', engaging the latch with a first indent carried by the follower arm when the choke valve is manually moved to a half choke position and the throttle valve is maintained in the fast idle position; and attempting a successive start of the engine is was not shown in the prior art. Claim 12 depends from claim 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnold Castro whose telephone number is (703) 305-0039. The examiner can normally be reached on 7:30am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yuen Henry can be reached on (703) 308-1946. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Arnold Castro
Examiner
Art Unit 3747

AC



Henry C. Yuen
Supervisory Patent Examiner
Group 3700